Job Control (JCL)

This section covers the following topics:

- Using Job Control in Entire Operations
- Symbol Replacement in JCL
- Usage of Text Modules in JCL

Using Job Control in Entire Operations

Job control is used in Entire Operations as follows:

- **Master Job Control**

  This is the JCL in its original format on the original storage medium. The usual JCL storage locations of the various operating systems are supported. The source texts for dynamic JCL generation are also considered Master Job Control.

- **Active Job Control**

  This is the actual JCL submitted to the operating system for execution. It is produced from the Master JCL when the job or network is activated. The symbols are replaced with values from the active symbol table. If it is dynamic JCL, the generation is performed at this time. The active JCL is stored in the active Entire Operations data base.

- **Pregenerated Active Job Control**

  For reasons of performance, it might be necessary to generate active JCL in advance. Pregeneration is invoked with a line command from the Job Maintenance screen.

The JCL must be pregenerated again when:

- the definition of the Master JCL storage has been modified;
- the Master JCL has been edited;
- the corresponding symbol table has been modified.

Symbol Replacement in JCL

1. Symbols for replacement can be defined for all storage locations of Master JCL.
2. Escape characters for symbols can be assigned system-wide, and they can also be defined individually for each job.
   Defaults for escape characters can be defined for each operating system.
3. Escape characters for symbol replacement must not conflict with other characters used in the JCL.

For more information, please see Using Symbols.

Usage of Text Modules in JCL

Entire Operations allows the inclusion of text modules into JCL. The text modules can have their own local parameters. Text modules can invoke other text modules, i.e., nesting is possible.

Text module inclusion can be used not only from Macro (MAC) jobs, but also for various other JCL locations.

For information about the text module inclusion, please see Dynamic JCL Generation (Job Type MAC).